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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manus P. HENRY et al.                      Art Unit : 2863  
Serial No. : 09/815,275                                      Examiner : M. Nghiem  
Filed : March 23, 2001  
Title : PROCESS MONITORING AND CONTROL USING SELF-VALIDATING  
SENSORS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

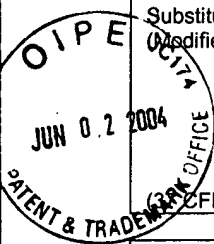
Date: \_\_\_\_\_

June 2, 2004

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Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
02052-104001Application No.  
09/815,275**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Manus P. HENRY et al.Filing Date  
March 23, 2001Group Art Unit  
2863**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|----------|-------|----------|----------------------------|
|                  | AA        |                 |                  |          |       |          |                            |
|                  | AB        |                 |                  |          |       |          |                            |
|                  | AC        |                 |                  |          |       |          |                            |
|                  | AD        |                 |                  |          |       |          |                            |
|                  | AE        |                 |                  |          |       |          |                            |
|                  | AF        |                 |                  |          |       |          |                            |
|                  | AG        |                 |                  |          |       |          |                            |
|                  | AH        |                 |                  |          |       |          |                            |
|                  | AI        |                 |                  |          |       |          |                            |
|                  | AJ        |                 |                  |          |       |          |                            |
|                  | AK        |                 |                  |          |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AL        |                 |                  |                          |       |          |             |    |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | AQ        | Sheung Kai YUNG, "SIGNAL PROCESSING IN LOCAL SENSOR VALIDATION," University of Oxford, Dept. of Engineering Science; Ph.D. Thesis, 1993. |
|                  | AR        |  |
|                  | AS        |  |
|                  | AT        |  |

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.